

ASBESTOS

1701 Winter Street. Philadelphia, Pa.

A MONTHLY MARKET JOURNAL
Devoted to the Interests of the
Asbestos and Magnesia Industries

FEBRUARY 1931





AMERICAN ASBESTOS COMPANY



Manufacturers of
Asbestos Textiles

NORRISTOWN, PA., U. S. A.

Headquarters for
**Yarns, Cloth, Tapes, Fibres, Brake
Linings and Textiles Generally**

WRITE FOR PRESENT PRICES

... ASBESTOS ...

A MONTHLY MARKET JOURNAL
DEVOTED TO THE INTERESTS OF THE
ASBESTOS AND MAGNESIA INDUSTRIES

A. S. ROSSITER

EDITOR

PUBLISHED BY SECRETARIAL SERVICE

1701 Winter Street
PHILADELPHIA, PENNSYLVANIA
C. J. STOVER, Owner

Entered As Second Class Matter November 23, 1923, at the Post
Office at Philadelphia, Pennsylvania, Under Act of March 3, 1879

Volume XII

FEBRUARY 1931

Number 8

CONTENTS

	<i>Page</i>
Maintaining Low Temperatures	3
Others Comment on the Russian Situation	13
The Theftford Riot	14
R. C. McClenathan Retires	16
Revision of Packing Specifications	16
Aetna Life Uses Thirty Miles of Insulation	18
Contractors and Distributors Page—Your Job	22
Fact and Fancy	
Robert B. Davis	24
Books on Asbestos	24
Has Asbestos Yarn Ever Been Dyed?	26
Asbestos Dough to Cast Bearings	26
Market Conditions	28
Asbestos Stock Quotations	32
Little Lessons in Selling—Know Your Line	34
Production Statistics	36
Automobile Production	37
Imports and Exports, Including Summaries for Year	38
Building	48
News of the Industry	49
Patents	54
Trade Marks	54
This and That	56

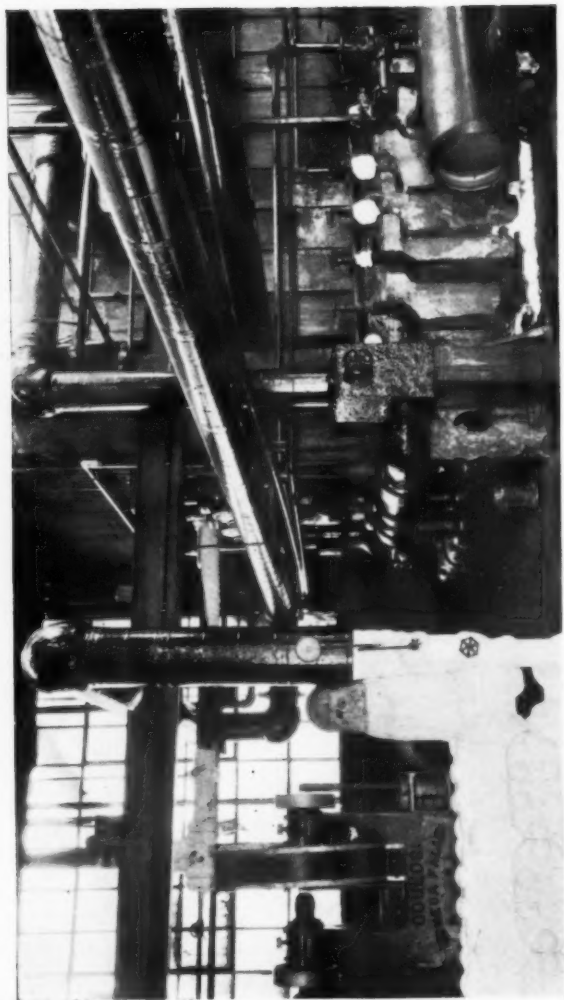
SUBSCRIPTION PRICE

U. S., CANADA AND MEXICO	\$2.00 PER YEAR
FOREIGN COUNTRIES	3.00 " "
SINGLE COPIES	.25 EACH

Copyright 1931, C. J. Stover

February 1931

Page 1



Showing cork insulated brine lines in machine room leading to brine tanks and brine cooler.

ASBESTOS

Maintaining Low Temperatures

Written especially for "ASBESTOS" by C. W. Connell of the Advertising Department of the Armstrong Cork Company.

Note: Rarely if ever is asbestos used in the manufacture of cold insulation, but the two classes of insulating materials (heat and cold) are so closely allied that it was felt our readers would enjoy a brief study of the cold insulation field in this and a later article which has been promised us.

The past few years have seen great developments in the cold storage industry. The rapid progress that is being made in the realm of quick-freezing of practically all kinds of perishable food products has done a great deal to bring the problems of refrigeration into the public eye.

For many years man has made cold his servant; he has utilized low temperatures to preserve certain of his foods and benefit his well-being.

By using ice and mechanical refrigeration he was able to produce the degree of cold he desired, but to maintain uniformly low temperatures was a problem that required much experimentation. To achieve control of low temperatures it was necessary to develop insulating materials which possessed low heat conductivity.

Choosing Cold Insulation

In selecting a suitable material for cold insulation it was necessary to find a material that would resist the transfer of heat and at the same time be impervious to moisture. To lock out high temperatures was obviously necessary, and, as moisture is ever present in all cases of cold insulation, it was of primary importance that the insulating material resist the infiltration of moisture that would naturally lead to rotting.

Cork, because of its marked ability to retard the flow of heat and its resistance to moisture, has been the standard insulation of the cold storage industry for thirty years.

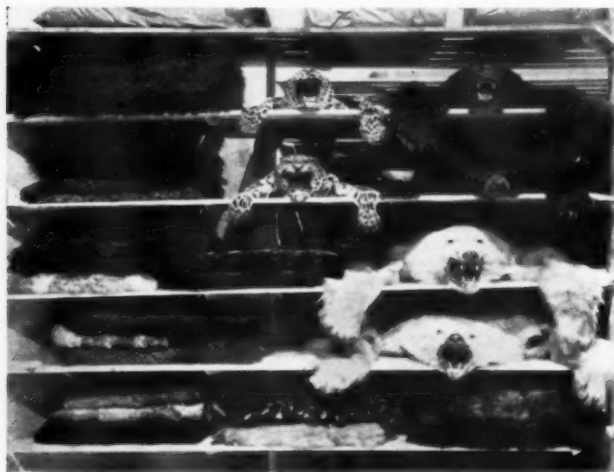
Cork, the outer bark of the cork oak tree, is composed of countless air cells, so tiny that it takes many millions of them to fill a cubic inch of space. The dead, motionless air contained within its cellular structure makes cork an ideal non-conductor of heat. The natural qualities of cork that make it the basis for the best cold storage insulation yet dis-

ASBESTOS

covered are enhanced by the baking of the granules of pure cork bark in metal moulds under pressure at moderate temperature to form corkboard insulation. Such manufacturing process brings out the natural resin of the cork, which cements the particles firmly together. The entire surface of each separate granule is coated with a thin film of the natural waterproof gum which affords an additional barrier against the possible entrance of moisture.

Thickness of Cold Insulation

The thickness of corkboard employed for cold insulation is dependent on the temperatures desired. The average



*Cold storage room insulated with five inches of corkboard.
Here furs are kept in safety during the summer weather.*

job uses about four inches. In banana storage rooms, where the temperature is accurately controlled and ranges from 50° F. to 68° F., a two or three inch thickness is sufficient. With the temperature around 55° the bananas are kept in the green stage, but when it is desired to ripen them the temperature is raised. For the purpose of quick-freezing and also for the storage of dry ice, twelve inches of cork-

ASBESTOS

Philip Carey Products

FOR over fifty years Carey Asbestos, Magnesia and Asphalt Products have been supplied to manufacturers, industrials and power plants all over the world.

ASBESTOS

Eight Standard Grades of Asbestos Fibres

MAGNESIA

85% Magnesia

Carbonate of Magnesia Powder

Pure Carbonate of Magnesia Block

Light and Heavy Calcined Magnesia

(In Technical and U. S. P. Grades)

Correct Heat Insulation for each Condition

Asbestos and Magnesia Pipe and Boiler Coverings

ASBESTOS ROOFINGS

Careystone Asbestos Shingles

Careystone Asbestos Corrugated Roofing and Siding

Asbestos Built-up Roofings

ASBESTOS PRODUCTS

Asbestos Paper and Asbestos Millboard

Asbestos Rope, Wick Packing and Gaskets

Asbestos Boiler Setting Cements

Asbestos Insulating and High Temperature Cements

Asbestos Insulating Doors for Power Plants

ASPHALT PRODUCTS

Built-up Asphalt Roofings

Prepared Asphalt Roll Roofings

Asfaltslate Shingles

Asphalt Paints for Roofing

Elastite Asphalt Expansion Joints,

Planking, Trunking, Pavement for Crossings,

Track Insulation and Water-Proofing

Asphalt and Tarred Felts

THE PHILIP CAREY COMPANY

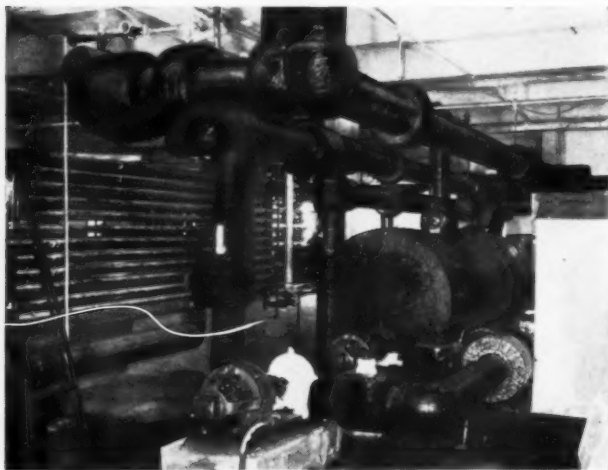
Lockland, Cincinnati, Ohio

ASBESTOS

board is usually employed.

It is interesting to note that four inches of corkboard is equivalent in insulating value to seventy-two inches of brick or one hundred and fifteen inches of concrete. The cost of corkboard is less than twenty percent of the equivalent insulation in brick.

One leading ice manufacturers' association states in one of its booklets that the first requirement of a good refrigerator is proper protection from outside heat. They say, "Just as a person wears a heavy coat to keep out cold, a refrigerator should have a heavy coat—called insulation—to keep out heat. Authorities agree that in warmer climates not less than one and one-half inches of pure corkboard (or its equal) is required to keep outside heat from penetrating into the food compartment. Two inches of cold insulation are desirable for this gives additional protection against outside heat."



Cork pipe covering as installed in the plant of a large ice cream manufacturer. These brine lines run from 18° F to 20° below zero.

From
CRUDE ORE
to
**FINISHED
PRODUCT**

Johns-Manville carries on the entire manufacturing process of asbestos. Mines in Arizona and Canada, thirteen factories located strategically across the continent and branch offices in all large cities cooperate in the supreme idea of service.

In a hundred ways Johns-Manville products contribute to the comfort of modern life and to the efficiency of industrial establishments. There are Johns-Manville Asbestos Shingles, automobile brake linings and Improved Asbestocel heater pipe and boiler insulations. Besides these, Johns-Manville makes scores of items ranging from asbestos curtains that protect theatre audiences to the packings, insulations and cements which make it possible to heat large buildings, and to operate great power plants.

Johns-Manville
CORPORATION

EXECUTIVE OFFICES: NEW YORK

Branches In All Large Cities



ASBESTOS

Benefit of Cold Insulation

Thru cold insulation, huge storage warehouses and low temperature vaults are made possible. Without benefit of insulation the cost of maintaining low temperature rooms would be prohibitive. In addition to the universal use of insulation in the cold storage industry, cold insulation is used to cover pipe lines of drinking water systems, brine, ammonia and all cold lines. The water from a central cooling unit is carried to bubblers thruout a building, insuring the occupants cold drinking water at all times.

Cold Insulation Serves Us Daily

Cold insulation plays a part in the daily life of every one of us. The cream which we use in our morning cup of coffee was protected all along its line of distribution by refrigeration aided by insulation. The cream and milk which would otherwise have spoiled is delivered pure and sweet because it is kept at temperatures below its spoiling point.

Not only milk and cream but all sorts of perishable food products that we eat every day are made possible thru cold insulation. Eggs, butter, fruits and vegetables and meats are all given protection thru the medium of efficiently insulated cold storage facilities.

The rapid strides that are being made in quick-freezing will soon make the general public conscious of the necessity for good cold insulation. By the quick freezing process, practically all food products may be preserved in excellent condition for great lengths of time. One theory advanced concerning what happens in quick-freezing is that the extremely low temperatures employed freeze the foods into such minute particles that no bursting of tissues results. Foods which are quick-frozen are kept for many months and retain all the characteristics which they possessed before undergoing the process.

Many large food manufacturers and meat packers are adopting the quick-freeze method. Some have even opened retail stores to vend their quick-frozen packaged meats. It is predicted that the sale of quick-frozen products in retail stores will be a commonplace thing, all made possible thru proper insulation facilities thruout the chain of distribution.

— ASBESTOS —

Bell Asbestos Mines

Thetford Mines, P. Q., Canada



HIGHEST QUALITY
Crudes and Fibres
of all Grades

Shipped to All Parts of the World

Sales Agents
**KEASBEY & MATTISON
COMPANY**

AMBLER

U. S. A.

PENNA.

ASBESTOS

Insulated railway cars and trucks transport perishable foodstuffs in safety from the agricultural and meat raising areas to the consuming centers of population.

Cold insulation is not only applied to the preservation of foods but is also used in several other ways.

When milady wonders what to do with her fur coat in the summer time she puts it in cold storage. Here again cold insulation comes into service, for the low temperature vaults in which furs are stored must be properly insulated.

The florist well knows the necessity of keeping certain of his cut flowers at correct temperatures lest they spoil. In order to accomplish this end, he sees to it that his storage room is insulated with cold insulation.

Thus we see that cold insulation serves us in many ways. With the universal adoption of the quick freeze method, which authorities are agreed is sure to come, there will also come a better understanding on the part of the layman of the need for adequate cold insulation.

In fighting oil and gas fires in Texas and other fields, the fire fighters find asbestos rope comes in handy.

They stretch the rope across the fire, tying it to a derrick or some such thing on each side, draw it taut, and then, dressed in asbestos suits they suspend a bomb of nitroglycerin from the rope by using another length of rope. The bomb is then slowly pushed along the rope until it hangs over the fire, the detonator is let go and the first blast generally snuffs out the fire.

A dangerous proceeding. Asbestos lessens the danger.

Effective February 3rd, it is mandatory that samples of all brake linings sold to the various departments of the U. S. Government shall be tested for coefficient of friction and life. The tests are to be made on a machine designed by the U. S. Bureau of Standards. Photographs of this machine will be published in our March issue.

FOREIGN AGENCY DESIRED
For
ASBESTOS PRODUCTS OR ENGINEERING SPECIALTIES
STONE INDUSTRIAL EQUIPMENT COMPANY
SPRINGFIELD, MASS.

**GARCO
ASBESTOS
TEXTILES**



ROVING, YARN, CORD, THREAD
BRAIDED AND WOVEN TUBING
ASBESTOS CLOTHS FOR EVERY PURPOSE
FIRE RETARDANT CURTAINS
VALVE STEM, HIGH PRESSURE AND
SHEET PACKING
DIE-FORMED PACKING RINGS
BRAKE LINING — CLUTCH FACINGS



ROVING, FINE YARN, CORD AND LISTING MADE
FROM NON-FERROUS FIBRE



GENERAL ASBESTOS & RUBBER DIVISION
OF RAYBESTOS-MANHATTAN, INC.,
NORTH CHARLESTON, S. C.

ASBESTOS

FROM THE ATLANTIC TO THE PACIFIC

Ric-wil Conduit Systems are proving every claim made for them. Hospitals, Educational Institutions, Central Heating Plants, Industrial Plants and many others comprise the ever growing list of satisfied Ric-wil customers.



Before you make a decision, investigate all of the various methods of insulating underground pipes. Check drainage facilities, cradling of conduit, loads imposed on conduit and side joints.

Photograph of Ric-wil Type SPC System. Note how Base Drain provides ample drainage immediately under the conduit and how it cradles and supports the conduit. The entire weight of pipes and pipe supports also rests on Base Drain.

Write for Catalog No. 8 and details of typical installations.

The RIC-WIL Company

1563 Union Trust Bldg., Cleveland, O.

Branches: New York - Atlanta - Chicago

Agents in Principal Cities

Ric-wil Engineers offer you the benefits of over twenty years experience — this valuable experience is yours for the asking.

Reg. U. S. Pat. Off.
Ric-wil

**CONDUIT SYSTEMS FOR
UNDERGROUND STEAM PIPES**



Others Comment on the Russian Situation

A European reader makes the following comment: From the article published in December "ASBESTOS" we realize that the Russian Mines will soon come into their own, as far as supplies of Asbestos Fibre are concerned.

This is good news for all users of Asbestos fibre; in fact it was not natural that one of the foremost suppliers of this raw material in pre-war times was cut out of the market entirely. This is the more interesting since these last years the use of Asbestos Fibre has been steadily growing and will continue to grow, owing to the mass production of Asbestos cement tubes which is to be started in a number of countries pretty soon.

Therefore we are of the opinion, notwithstanding that the flooding of the markets with Russian Fibre right at the moment may have some ill effects for Canadian and other mines, it will ultimately be for the good of the trade in general. In fact, while badly situated, poorly managed and equipped mines might suffer deadly from the Russian competition now, and those producing a poor quality, or low graded stuff, might have to shut down, revival of trade in general and increased use of Asbestos products (owing to lower prices and new articles) will bring about good times for the Asbestos Mines in all countries, this altho we candidly believe that heavy profits for the mining companies may be past history for some time.

Another reader, Roger Q. Kyle of Globe, Arizona, says:

We realize very much here in Arizona what the dumping of Russian, Rhodesian and South African fibre into the United States, duty free, means. All mines in Arizona have been closed down for the past year and a half.

It is a very grave situation, and unless the dumping

ASBESTOS

of foreign asbestos is stopped, we will have to ask for a protective tariff on asbestos.

Some of our readers, in complying with our request to discuss the Russian situation as it applies to asbestos, have taken the request to mean a discussion of Communism. Such discussions have no place in the magazine "ASBESTOS", any more than have discussions of such subjects as politics, religion or prohibition. Those readers, who have commented on Communism, pro or con, will therefore understand why their letters have not been published in our pages.

The Thetford Riot

Thetford Mines was the scene of an unpleasant incident one day early in January, when a mob of laborers, apparently aroused by agitators, seized G. F. Jenkins, Superintendent of the Beaver Mine of the Corporation and put him on the first train leaving town. Altho Mr. Jenkins was somewhat roughly handled, he was uninjured.

Prompt and firm action by Colonel Massie and officials of the Asbestos Corporation in conjunction with the municipal authorities brought the situation in hand and order was soon restored. The ringleaders were arrested and are now awaiting trial. Mr. Jenkins returned to the mines and resumed his position.

A thoro investigation by the Asbestos Corporation failed to bring out any real reason for the action taken by the laborers against Mr. Jenkins. Only a mere handful of the mob were actual employees of the Corporation and the principal agitators were outsiders.

There has been no further trouble since the original outbreak and no repetition of the incident is anticipated.

CONTRACTS EXECUTED ANYWHERE

High and Low Pressure Insulation
Brine and Ammonia Cork Insulation
STONE INDUSTRIAL EQUIP. CO.

SPRINGFIELD

:

:

MASS.

ASBESTOS

ASBESTOS
CORPORATION
LIMITED

PRODUCERS OF
RAW
ASBESTOS
CRUDES, FIBRES AND
SHORTS



T H E T F O R D M I N E S

QUEBEC

CANADA

R. C. McClenathan Retires

On December 31st, 1930, having completed his fortieth year with the H. F. Watson Company, Erie, Pa., R. C. McClenathan, Sr., banged his desk shut for the last time and waved adieu to the Asbestos business.

Mr. McClenathan's retirement culminates a career of activity in the Asbestos and Roofing industry as falls to the lot of few individuals. During his years with the H. F. Watson Company, "Bob" served in practically every possible capacity—Bookkeeper, Cashier, Sales Manager, Secretary, Treasurer and Vice President—and for a while he filled the four latter positions at one time.

In addition to his connection with the H. F. Watson Company, Mr. McClenathan's activities extend to several other lines, including Construction, Building Materials, Real Estate and Banking—and on top of all that he is one of the most enthusiastic horsemen that ever punched a stop-watch.

With "office hours" a thing of the past, R. C. has provided himself with the time necessary to fully enjoy his hobby—that of breeding, training and racing horses; and we'll bet he's happy to trade the worries of producing pipe covering for the Sport of Kings.

Revision of Packing Specifications

The Federal Specifications Board of the U. S. Government is revising its specifications on packing and gaskets. Those specifications to be revised are:

Federal Specification No. 94b (superseding U. S. G. M. S. 94b of May 12, 1927) on Packing; Asbestos, Metallic-Cloth, Sheet.

F. S. No. 97b (superseding U. S. G. M. S. 97b of May 12, 1927) on Gaskets; Asbestos Metallic Cloth, both seamless and jointed.

F. S. No. 93 (superseding U. S. G. M. S. 93 of December 29, 1923) for Gaskets; Asbestos Copper—Corrugated.

F. S. No. 113a (superseding U. S. G. M. S. of June 15, 1925) for Packing; Tucks (Rubber frictioned cotton fabric).

F. S. No. 98a, (superseding U. S. G. M. S. 98a of June 15, 1925) for Packing, Diaphragm (rubber and cotton fabric.)

— A S B E S T O S —

ASBESTOS

Arizona Crude

Italian Crude

Canadian Crude

Canadian Spinning Fibre

Canadian Shingle Fibre

Russian Crude

Rhodesian Crude

South African Blue Crude

South African Yellow Crude

ASBESTOS LIMITED INC.

8 West 40th Street : New York City

Works: MILLINGTON, N. J.

— A S B E S T O S —

F. S. No. 101c (superseding U. S. G. M. S. 101c of April 30, 1928), on Packing, flax.

F. S. No. 104a (superseding U. S. G. M. S. 104a of June 15, 1925) on Packing, Spiral, Gland, Low Pressure. (cotton fabric and rubber.)

F. S. No. 110A (superseding U. S. M. G. S. 110A of June 15, 1925) on Packing, Rubber, Cloth Insertion. (rubber and cotton fabric.)

F. S. No. 486 (superseding U. S. G. M. S. 486 of May 12, 1927) on Packing, fiber, hard, sheet.

F. S. No. 487 (superseding U. S. G. M. S. 487 of May 12, 1927) on Packing, Asbestos, Rope and Wick.

Those interested are requested to comment on the proposed revised specifications, or suggest any desirable changes. Such comments or suggestions should reach the Board by the middle of April. Copies of the proposed specifications, can be obtained by addressing the Federal Specifications Board at Washington, D. C.

Aetna Life Uses Thirty Miles of Insulation

One of the most notable installations of insulation made recently was at the new \$8,000,000 Home of the Aetna Life Insurance Company in Hartford, Conn., the largest building of its kind in the world.

75,000 lineal feet of insulation was applied to the piping and 60,000 square feet in connection with the boilers and ducts for the heating system, all this insulation being furnished and installed by the Keasbey & Mattison Company.

The cork covering on the drinking water, brine and ammonia lines, together with the 27,400 lineal feet of insulation in connection with the plumbing and refrigeration lines for the entire plumbing system was furnished and installed by the United Insulation Company—approved contractors for the Keasbey & Mattison Company.

Twenty-five hundred employees work (and play) in this building which was planned along colonial lines and as carefully executed and furnished as a private home of the colonial type.

— A S B E S T O S —

JOHNSON'S COMPANY

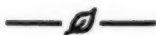
Established in 1875

Head Office

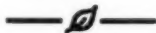
Thetford Mines, P. Q., Canada

Mines

Thetford, P. Q.
Black Lake, P. Q.



New Mill at Thetford Mines now in operation. Shall be glad to submit samples of new grades upon request.



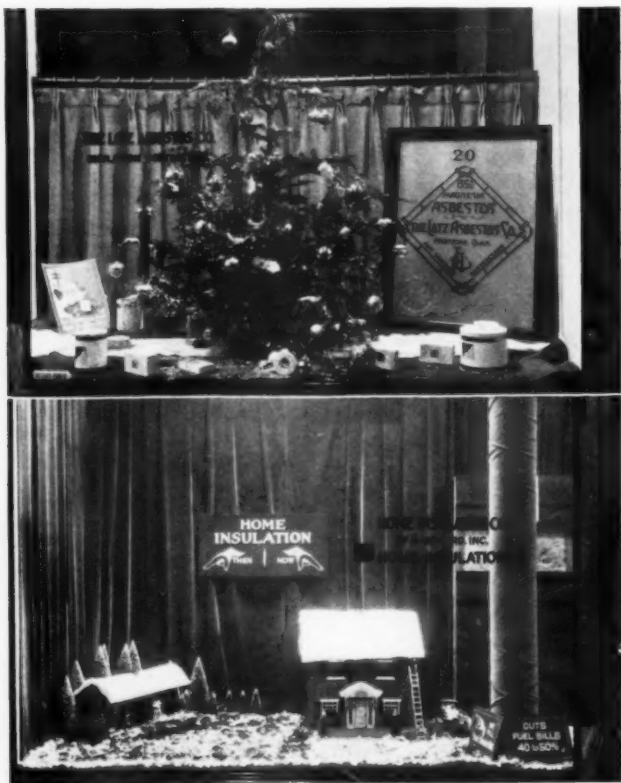
Agents for the Continent of Europe:

Tropische & Ueberseeische Rohprodukten A. C.

ALSTERDAMM 7

HAMBURG, GERMANY

ASBESTOS



Showing the attractive window displays of The Lotz Asbestos Company and its subsidiary, The Home Insulation Company, both of Hartford, Conn., over the Holidays.

The Home Insulation display is particularly clever, and attracted a great deal of interest.

The insulation of homes is a fast growing industry.

— A S B E S T O S —

Allbestos

CORPORATION

MANUFACTURERS OF ASBESTOS TEXTILES

SPECIALIZING IN ASBESTOS
YARNS OF SUPERIOR QUALITY
FOR
PARTICULAR REQUIREMENTS



Woven Brake Lining and Allied Products
Non-Ferrous Cloth
Plain Cloth
Asbestos Tapes and Wiping Cords
Asbestos Wick and Rope
Pure Asbestos Carded Fibres



*Manufactured in Our Own Plant from
the Raw Materials*

Allbestos Corporation

21st St. and Godfrey Ave., Germantown
PHILADELPHIA, PA.

— A S B E S T O S —

CONTRACTORS AND DISTRIBUTORS PAGE

YOUR JOB

What is it? Merely selling insulation to the house owner or the industrial plant, or other consumer, and pocketing the profit, if any?

Certainly not, and you realize that even better than we do.

Your job is far more important. It consists first, of seeing that the man who contemplates building a house, the one who intends buying a house, the architect, contractor, and everyone else interested in the planning, or selling of the house, is convinced that insulation and adequate insulation, should be used.

It's your job to see that the owner gets the kind of insulation which will give him the best service, both in insulating value and in durability, for the money he pays.

And finally it's your job to see that the application of the insulation is made in such a manner that the best insulating value is given.

This applies to the large industrial installation as well. Your job begins with the convincing of the owner, or architect, or contractor, or all three, that insulation, and adequate insulation, is necessary, and ends only when the last section is properly applied.

Insulation once installed is not frequently changed. A man repapers his house, paints it a different color, perhaps even changes the arrangement of the rooms, but he seldom changes the insulation. Hotels, offices and other buildings of that type are built to stand for many years and the insulation once applied will remain permanently, unless some very drastic change is made in the building.

If therefore the installation is not giving full insulating value in the first place, if the covering applied is not of sufficient thickness, or the application is improperly done, and heat leaks occur, the owner has not only wasted his money by the application of poor insulation or the poor application of insulation, but he goes on wasting it year after year because of the leaking of heat and the consequent diminishment of his coal pile.

It's your job to see that heat leaks do not occur. It's your job to guard the coal pile—not only of the owner of the building where your insulation is applied, but of the nation as a whole. It's your job to save coal, and money, for the owners of insulated buildings.

Most important of all, it's your job to see that installations of insulation are so satisfactory in performance, that the insulation field will be looked upon with respect by the general public and the insulating contracting division regarded as thoroly reliable.

— A S B E S T O S —

VERMONT
ASBESTOS CORPORATION



PRODUCERS OF
HIGH GRADE MILLED FIBRE
MINED IN U. S. A.



WE HAVE A GRADE
PARTICULARLY ADAPTED TO
THE MANUFACTURE OF
QUALITY ASBESTOS PAPER

ALSO OTHER STANDARD GRADES

VERMONT ASBESTOS
CORPORATION
89 BROAD STREET
BOSTON - - - MASS.

— A S B E S T O S —

FACT AND FANCY



Robert B. Davis, General Sales Manager of The Raybestos Division of Raybestos-Manhattan, Inc., who was elected President of the Asbestos Brake Lining Association for the year 1931.

Books on Asbestos.

The Geological Survey of the Union of South Africa, Pretoria, Africa, has recently issued a new edition of Dr. A. L. Hall's work on "Asbestos in the Union of South Africa." This new edition brings the book uptodate and should be added to your asbestos library.

We have written the Geological Survey for a copy,

This reminds us that Canada's book on Asbestos, on which a great deal of time and energy was spent, has not yet been published. It seems extremely unfortunate that the printing of this book should be held up for so great a length of time. Just about a year ago we inquired when the book might be expected and were told it was ready for the printer but that there had been a delay in the actual printing.

If the book is allowed to rest much longer it will have to be revised before it goes to press. It is indeed quite

ASBESTOS

"THE WORLD'S FINEST INSULATION"

In the form of

(1) BLUE ASBESTOS SECTIONAL COVERINGS (for Steam Pipes)

(2) BLUE ASBESTOS MATTRESSES
(for Locomotive or Marine Boilers)

(3) BLUE ASBESTOS BLOCKS
(for Bulkheads or Boilers)

Suitable for high temperatures up to 1000° F.

Combining the following features:-

- 1 Efficient insulation with structural strength*
- 2 Resistance to vibration with no powderisation or friability*
- 3 First cost is last*

BLUE AND AMOSITE CRUDES

of all grades available for direct shipment from South Africa.

The **Cape Asbestos Co**
Limited
Morley House 28-30 Holborn Viaduct London E.C.1.
Factory, Barking, Essex

Telegrams:— "Incorrupt," London. Telephone City 6937

— A S B E S T O S —

likely that any information given concerning Russia is already out of date and should be changed to fit the present status of the Russian Asbestos Industry.

Has Asbestos Yarn Ever Been Dyed?

This query comes to us in our mail this morning, and there appears to be no answer to it in our files.

Some years ago we were told that a firm in Germany made tapestry from asbestos yarn, implying that the yarn was dyed, but all subsequent attempts to find out more about the process, the name of the firm or to obtain samples of the material were unsuccessful.

We put the question up to our readers. If you have information, no matter how meager, on the subject of dyeing asbestos yarn or cloth, let us have it as it may offer a lead which we can follow until we arrive at the desired destination—the name and address of the firm who dyes or has at times dyed, asbestos fabrics.

Asbestos Dough to Cast Bearings

In casting babbitt bearings, such as those used in grist mills, saw mills, cotton gins, or threshing and mowing machines, asbestos is found to be most efficient.

Soap is often used for this purpose, with the result that when the hot metal is poured into the boxes, the soap melts and the whole process has to be repeated.

Asbestos fibre, mixed with cylinder oil, making a stiff dough, is much more efficient than soap to caulk the crannies of the cast iron bearing boxes. The asbestos dough will not melt as the soap does and the job, which is not a particularly pleasant one, is soon finished.

Bearing boxes which are undetachable and in out of the way, awkward to get at places, can be reached by making a funnel of the asbestos dough and pouring the hot bearing metal thru it into the boxes.

Just an idea which you might be able to pass along some day to mechanics having such work to do.



CYPRUS ASBESTOS

A true Chrysotile fibre of great tensile strength, exceptionally clean and well graded, suitable for the manufacture of—

Asbestos-cement pipes, sheets and shingles

Asbestos millboard

Moulded brake lining

Etc., etc.

APPLY FOR SAMPLES AND
PRICES TO SOLE AGENTS—

CYPRUS TRADING CORPORATION, Ltd.

**49, ST. JAMES'S STREET
LONDON, S. W. 1**

ASBESTOS

MARKET CONDITIONS

General Business.

While possibly there is not much real improvement in actual conditions thus far in 1931, a more optimistic tone does prevail, and while 1930 will go down in history as the year of depression, 1931 will most likely be recorded as the year of recovery. Recovery will, of course, be gradual.

The factors which affect, favorably or adversely, the return to good business, are many and varied—too many and varied to discuss here—but the real effort being made by business to put an end to depression is, to say the least, encouraging.

Asbestos—Raw Material.

Two comments reach us on the market situation in raw material:

1st. Manufacturers of textile products find themselves in such a competitive market in selling their finished materials, that they are bringing pressure to bear upon the producers of asbestos, asking for still lower prices. These manufacturers claim they need lower prices in order to meet the competition of their competitors who own asbestos mines.

The producers of raw asbestos in turn find themselves with large stocks of raw asbestos on hand and severe competition among themselves. The result of all this is weakening of prices generally.

It is apparent that as soon as Canada lowers her price on asbestos Rhodesia does likewise to meet Canadian competition, and Russia goes them one better.

No doubt like conditions are found today in many industries, but it is too bad that such is the case in the Asbestos Industry, as there are so very few producers and a division of the World's markets alone would help stabilize the Industry even if an agreement cannot be reached regarding prices. In the meantime, prices on all grades of asbestos are anything but firm.

2nd. The raw material market continues slow and alto the turn of the year has brought increased orders

ASBESTOS

The
NEW

Thermo-Lux
INSULATION

offering
individuality
to the Contractor

AN ORIGINATION BY

NORRISTOWN MAGNESIA & ASBESTOS CO

Please Send More Information Regarding **THERMO-LUX**

NAME

ADDRESS

CITY & STATE

February 1931

Page 29

— A S B E S T O S —

from some sources, manufacturers, generally speaking, apparently hesitate to place orders beyond their immediate requirements. Manufacturers, however, are in most cases looking for improvement in their lines within the next few weeks and a better demand for Asbestos Fibre will result.

Manufactured Asbestos Goods.

Textiles. The market on Textiles at the present time seems to be very quiet indeed, and the spinners are all suffering from the cut prices thruout the raw asbestos market. It is impossible to quote prices which have any chance of standing firm for even a month as this market continues to be on the down grade, and a great many spinners seem to be taking chances by quoting low prices in anticipation of cuts on crudes which will enable them to make a profit.

Brake Lining. This is not the season for any volume of Brake Lining movement, and this year is no exception. Car production in Detroit is slightly better than last month and no doubt will continue slightly better next month, but the replacement market is dead at the present time.

Packing. The market on packings is slow and probably shows very little change over last month.

The Asbestos markets as a whole are slightly better than last month but so slight an improvement is noted that for all practical purposes there is no change.

Insulation. Important changes in an industry such as high pressure insulation seldom occur in such a short time as one month, but it is still a fact that the volume of high temperature insulation orders has very materially declined and it is fairly certain that plants are now in position to promptly care for most requirements placed. Any substantial revival in the building trades or expansion of industrial activity will undoubtedly be reflected in greater demand for high pressure insulation—85% Magnesite, etc. In the meantime the market is fairly stable, due to the fairly steady, if decreased demand.

In the low pressure insulation market, we find a little more activity this month than last. January was poor; February showing increasing demand. In other words, volume is on the upgrade, and prices are holding steady.

Paper and Millboard. The paper market is not so en-

ASBESTOS

Raw Asbestos Distributors

LTD.



RHODESIAN WHITE ASBESTOS

the products of the following MINES

"SHABANIE"

"NIL DESPERANDUM"

"BIRTHDAY"

"GATHS"

"KINGS"

"CROFT"



TRANSVAAL WHITE ASBESTOS

SUPERFINE Quality the product of
THE AMIANTHUS MINE, Kaapsche Hoop.



SOUTH AFRICAN BLUE ASBESTOS

the product of
DOMINION BLUE ASBESTOS MINES (Prop'y)
KURUMAN.

Samples and Prices to be obtained from

RAW ASBESTOS DISTRIBUTORS

LTD.

20 ST. CLARE STREET, MINORIES;

LONDON, E. I., ENGLAND.

CABLES:

VULBESTON, LONDON.

CODES: BENTLEYS. A. B. C. (5th)

WESTERN UNION, UNIVERSAL EDITION

A S B E S T O S

encouraging. Sales are scant. The middle west, particularly, appears to be developing a buyers market. Buyers, of course, are ever ready to take advantage of a tendency to cut prices and to help it along if possible. The millboard market, however, is fairly active and prices good.

Asbestos Cement Products. As everybody knows, or can imagine, the shingle market is very slow, due, of course, to the general depression, the lack of residential building, and the season of the year. The fairly open winter, however is an encouraging factor and unless we have bad weather during the latter part of February and in March, the building season, and consequently the shingle season, should open up earlier than usual. Manufacturers appear to be optimistic, altho they do not expect any marked improvement until along about the middle of the year.

Corrugated volume is not encouraging. One manufacturer deplores the fact that so many types of corrugated are produced, as it creates competition between types, and this often leads to the use of a different material altogether.

The market for flat sheathing continues about the same.

Note: The above comments are supplied by men who are in close touch with the markets in their various lines. Criticisms are welcome and will be published.

ASBESTOS STOCK QUOTATIONS

	Par	January 1930			Last
		Div.	High	Low	
Asb. Corp. (Com.)	np	—	$\frac{1}{2}$	$\frac{1}{4}$	$\frac{1}{4}$
Asb. Corp. (Pfd.)	100	7	1 $\frac{1}{2}$	1	1
Carey (Com.)	100	8	No Sales		
Carey (Pfd.)	100	6	115	115	115
Certainteed (Com.)	np	—	4 $\frac{7}{8}$	2 $\frac{1}{4}$	3 $\frac{3}{4}$
Certainteed (Pfd.)	100	7	17	11	15 $\frac{1}{2}$
Garlock Packing (Com.)	np	—	16	16	16
Garlock Pkg. (6s Deb. 1939)	100	6	90	85	86 $\frac{3}{4}$
Johns-Manville (Com.)	np	3	63 $\frac{3}{4}$	52 $\frac{1}{2}$	60 $\frac{1}{4}$
Johns-Manville (Pfd.)	100	7	123 $\frac{3}{4}$	118	123 $\frac{3}{4}$
Raybestos-Manhattan Inc. (Com.)	np	—	22 $\frac{1}{4}$	18 $\frac{1}{2}$	21
Ruberoid (Com.)	np	4	37 $\frac{3}{4}$	34	35
Thermoid (Com.)	np	—	6	5	6
Thermoid (Pfd.)	100	7	No Sales		
Thermoid (6s 1934)	100	6	68	67 $\frac{1}{2}$	67 $\frac{1}{2}$

— A S B E S T O S —

Nicolet Asbestos Mines Limited

DANVILLE, P. Q., CANADA

ASBESTOS FIBRES

of

SUPERIOR QUALITY

from the

DANVILLE DISTRICT

Suitable For the Manufacture of
SHINGLES, MILLBOARD, PAPER, CEMENTS

Address Inquiries to

ALEX. R. MARTIN, *President*

Nicolet Asbestos Mines Limited

INC.

25 BROAD STREET, NEW YORK

CABLE ADDRESS

NICOBEST NEW YORK

Sole European Distributors

Compagnie Commerciale De Minerais
Et Matieres Premieres

74 QUAI DE JEMMAPES

PARIS, FRANCE

Little Lessons in Selling

KNOW YOUR LINE

BY JOHN T. BARTLETT

As shrewd a buyer as ever signed an order expresses his ideas on salesmanship in an unusual way.

"The respect in which most salesmen are inefficient is knowledge of their line. I take the view, and I believe a great many other intelligent buyers do, that if a salesman knows the real facts about his line, and the problems of the customer, he can give a lot of help.

"On the other hand, if he doesn't know his line, he is as helpless as a poet trying to draw plans for a sky-scraper.

"I divide salesmen into two groups. The largest group is made up of the bluffers. A quite small group is made up of salesmen who, in greater or less degree, really know their business. I don't care how full of psychological tricks a salesman may be; how gorgeous his personality; how great his persistence. If he doesn't know his line, he can't talk intelligently about it to most customers. He makes a statement which reveals his ignorance. After that, what use is there for all his psychology?

"On the other hand, I know salesmen whose knowledge of merchandise, trade conditions, the problems of customers, is so extensive that almost any buyer is happy to see them. The feeling of confidence that comes over a buyer as he realizes that the salesman is an expert in the subject he talks about is a wonderful thing. In our buying, we have to rely altogether too often on our own inaccurate judgment. To contact a master of the subject is to rejoice. And how easy the order secured!"

A salesman must have psychological skill. He must know all that is in the bag of tricks of persuasion. He must be persistent. The more personality he can develop in himself, the better.

But knowledge of his line is one of the greatest assets he can have. He should study it day and night. He should be able to answer, expertly, any question which is put to him. Eventually, he finds he has to think little of "salesmanship"—just rendering service, out of his splendid knowledge, getting the business.

RUSSIAN ASBESTOS

for use in the Manufacture of

Moulded Brake Lining

Free of grit or talc—extremely strong



A grade of Russian Asbestos
made especially for Moulded
Brake Lining and very reason-
able in price.



Write for Substantial Sample

ASBESTOS LIMITED INC.

8 West 40th Street • New York, N. Y.

AMTORG TRADING CORP.

261 Fifth Avenue • New York, N. Y.

A S B E S T O S



Africa (Rhodesia).

(Statistics published by Rhodesia Chamber of Mines).

		October 1930	
	Tons	Value	
<i>Bulawayo District</i>	(2000 lbs.)		
Nil Desperandum and Sphinx	1,260.00	£31,920	0 0
(Afr. Asb. Mining Co. Ltd.) ...	32.54	650	14 0
Pangani (Filabusi Asbestos Co. Ltd.)	11.00	137	10 0
Recompense 1 (J. S. Hancock)	867.41	17,348	5 2
Shabanie (R. & Gen. Asb. Corp. Ltd.)			
<i>Gwelo District</i>			
H. U. B. (Reid & Ralstein)	7.50	112	11 6
<i>Victoria District</i>			
Gath's (R. & Gen. Asb. Corp. Ltd.)	830.15	16,603	2 0
King (R. & Gen. Asb. Corp. Ltd.) ...	351.98	7,039	10 0
D. S. O. (Mashaba Rho. Asb. Co. Ltd.)	17.30	340	6 0
	3,377.88	£74,151	18 8
October 1929	4,653.65	£94,922	

		November 1930	
	Tons	Value	
<i>Bulawayo District</i>	(2000 lbs.)		
Biltong (Vukwe Asb. Syn. Ltd.)			
Oct.	16.00	£	320
Nil Desperandum & Sphinx (Afr. Asb. Mining Co. Ltd.)	630.00	14,700	
Pangani (Filabusi As. Co. Ltd.) ..	43.07	861	8
Recompense 3 (J. S. Havelock) ..	10.62	132	15 6
Shabanie (Rho. & Gen. Asb. Corp. Ltd.)	1,942.36	38,847	4
Shabanie (Rho. & Gen. Asb. Corp. Ltd.) Adjustment undeclared year ending 3/31/30		222,534	10 8
Slip F (Vukwe Asb. Syn. Ltd.) ..	18.00	360	
<i>Victoria District</i>			
Gath's (R. & Gen. Asb. Corp. Ltd.)	328.25	6,565	2
adjustment undeclared to 3/31/30		31,500	1 10
King (Rho. & Gen. Asb. Corp. Ltd.)	282.87	5,657	10
adjustment undeclared to 3/31/30		15,214	3 1
	3,271.17	£336,692	15 1
November 1929	4,096.31	£360,074	

A S B E S T O S

Africa (Union of South).

(Statistics published by Dept. of Mines & Industries of U. of S. A.)

	October 1929		October 1930	
	Tons (2000 lbs.)	Value	Tons (2000 lbs.)	Value
<i>Transvaal</i>				
Amosite	560.18	£ 6,254	233.50	£ 2,335
Chrysotile	1,306.26	15,318	638.00	9,918
<i>Cape</i>				
Blue	552.86	14,674	472.57	14,048
	<hr/> 2,419.30	<hr/> £36,246	<hr/> 1,344.07	<hr/> £26,301
	November 1929		November 1930	
	Tons (2000 lbs.)	Value	Tons (2000 lbs.)	Value
Amosite	418.03	£ 4,714	172.40	£ 1,724
Chrysotile	1,393.96	21,664	883.00	11,456
<i>Cape</i>				
Blue	602.32	15,233	379.49	12,930
	<hr/> 2,414.31	<hr/> £41,611	<hr/> 1,434.89	<hr/> £26,110

Canada.

(Statistics published by Dominion Bureau of Statistics.)

November 1930	18,448 tons (2000 lbs.)
November 1929	27,911 tons (2000 lbs.)

India.

The Calcutta Journal "Commerce" gives the production of India for the year 1929 as 318.4 tons (no information available at the present time as to the size of the tons) the value being Rs. 16,160 (\$5,235.84.)

In 1928, 156.5 tons were produced, valued at Rs. 21,735 (\$7,042.14).

Of the 1929 production, 80 tons came from the Seraikela State of Bihar and Orissa, 88.4 tons from the Cuddapah District, Madras, and 150 tons from the Hassan District of Mysore. The value of the asbestos from the Cuddapah district, which is reported as being of the first quality, has probably been greatly underestimated.

AUTOMOBILE PRODUCTION

December production of automobiles in the United States and Canada was 161,223, which brought the total for the year up to 3,509,062.

December production in 1929 was 125,502, and the production for the year 1929, 5,621,715.

December 1930 showed a gain over November of the same year the November figures being 141,159.

Preliminary estimates of automobile production during January give the total as 183,876, or a gain of 14 per cent over December. Compared with the same month in 1930, it shows a decrease of 35 per cent

ASBESTOS



Imports into U. S. A.

Unmanufactured Asbestos.

	December 1929		December 1930	
	Tons	Value	Tons	Value
	(2240 lbs.)		(2240 lbs.)	
Africa (Br. S.)	88	\$ 15,547	64	\$ 13,321
Africa (Port. E.)	601	234,573	...	...
Canada	14,669	472,175	13,230	359,901
Italy	1	1,063	2	797
Russia .....	.	...	1,404	128,380
United Kingdom	4	542	57	9,595
	15,363	\$723,900	14,757	\$511,994

Tabulation of Crude only:

Africa (Br. S.)	88	15,547	64	13,321
Africa (Port. E.)	601	234,573	...	...
Canada	125	42,644	72	20,935
Italy	1	1,063	2	797
Russia .....	.	...	1,404	128,380
United Kingdom	4	542	42	9,126

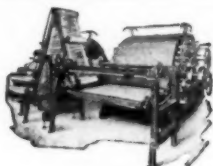
	819	\$294,369	1,584	\$172,559
Mill Fibre (Canada) ...	4,982	259,335	5,155	215,145
Lower Grades (Canada) ..	9,562	170,196	8,003	123,821
Lower Grades (U. K'gd'm)	...	...	15	469

14,544 \$429,531 13,173 \$339,435

SUMMARY FOR YEAR—UNMANUFACTURED

Unmanufactured Asbestos—By Countries.

	Year 1929		Year 1930	
	Tons	Value	Tons	Value
	(2240 lbs.)		(2240 lbs.)	
Africa (Br. S.)	3,358	\$ 611,674	1,893	\$ 297,749
Africa (Port. E.) ..	3,967	1,553,080	1,163	432,525
Belgium	311	55,125	...	...
Canada	225,059	8,363,541	178,634	5,466,838
France .....	...	...	1	267
Germany	1,048	361,446	350	83,981
Italy	139	32,424	43	8,752
Russia	225	111,290	4,048	660,559
United Kingdom ..	203	65,437	382	114,153
	234,310	\$11,154,017	186,514	\$7,064,824



A Broad Service *at your command!*

Whitin Sales Engineers are assisting many asbestos yarn manufacturers in solving minor and major production problems. Their practical experience is yours to command, without obligation.

**WHITIN SERVICE TO
ASBESTOS YARN MANUFACTURERS**
includes engineering counsel, installation and service on the following equipment:

Breaker and Finisher Full Roller Cards
Automatic Card Feeds
Camel Back Feeds
Derby Doublers
Condensers
Spinning Frames
Ring Twisters
Flyer Twisters
Card Roll Grinders
Card Grinding Rolls

WHITIN MACHINE WORKS

WHITINSVILLE, MASSACHUSETTS, U. S. A.

Charlotte, N. C.

Atlanta, Ga.

A S B E S T O S

Unmanufactured Asbestos—By Grades.

	Year 1929		Year 1930	
	Tons (2240 lbs.)	Value	Tons (2240 lbs.)	Value
<i>Africa (Br. S.)</i>				
Crude	3,331	\$ 608,282	1,893	\$ 297,749
Mill Fibre	27	3,392	...	...
<i>Africa (Port. E.)</i>				
Crude only	3,967	1,553,080	1,163	432,525
<i>Canada</i>				
Crude	5,938	1,545,892	1,736	536,356
Mill Fibre	85,162	4,575,438	61,620	3,119,978
Lower Grades	133,929	2,241,806	115,278	1,810,588
Stucco	30	405	...	...
<i>Belgium—Crude only</i>	311	55,125	...	...
<i>France—Crude only..</i>	...	...	1	267
<i>Germany—Crude only</i>	1,048	361,446	350	83,897
<i>Italy</i>				
Crude	109	31,212	43	8,752
Mill Fibre	1	45	..	...
Lower Grades	29	1,167	..	...
<i>Russia—Crude only..</i>	225	111,290	4,048	660,559
<i>United Kingdom</i>				
Crude	202	65,341	367	113,684
Mill Fibre	1	96	...	...
Lower Grades .....	.	..	15	469
	234,310	\$11,154,017	186,514	\$7,064,824

Manufactured Goods:

	December 1929		December 1930	
	Pounds	Value	Pounds	Value
<i>Yarn—</i>				
Italy	198	\$ 312	...	...
United Kingdom	1,001	613	1,344	\$ 723
<i>Fabrics, Woven—</i>				
Austria .....	..	...	2,460	1,578
Germany	56	133	...	...
Italy	108	118	...	...
United Kingdom	9,009	5,123	475	387
<i>Packing, Fabric—</i>				
Germany	1,481	423	...	...
Sweden .....	...	...	242	100
United Kingdom .....	...	...	691	215
<i>Packing, not Fabric—</i>				
Austria .....	...	...	3,860	4,040
Canada	485	100	...	...
France	61	140	...	...
Germany	3,827	1,585	...	...
United Kingdom	15,967	8,949	3,742	1,829

RUSSIAN ASBESTOS

FOR SAMPLES AND PRICES OF ALL GRADES OF
ASBESTOS PRODUCED IN THE SOVIET UNION.
RANGING FROM FINEST CRUDES TO SHORTS.
APPLY DIRECT TO SOLE SELLING AGENTS FOR
EUROPE

MANGANEXPORT G. M. B. H.

UNDER DEN LINDEN 68 A

BERLIN, N. W.-7

OR TO AUTHORIZED SUB-AGENTS BELOW.



ALL GRADES SOLD ON STANDARD GUARANTEED
SAMPLES. REGULAR DELIVERIES CAN BE MAIN-
TAINED OVER ANY PERIOD TO ALL USUAL PORTS.



AGENTS FOR

ITALY, SPAIN & SWITZERLAND { RIVALDI CO., INC
22 VIALE BINACA MARIA
MILANO, ITALY

AUSTRIA, CZECHO-SLOVAKIA, { MR. EMIL BRICHTA
HUNGARY, JUGO-SLAVIA & OTZELTGASSE 3,
ROUMANIA VIENNA III

GREAT BRITAIN { ARCOS LIMITED
ASBESTOS DEPT.
BUSH HOUSE,
ALDWYCH, LONDON W. C. 2

A S B E S T O S

	December 1929		December 1930	
	Pounds	Value	Pounds	Value
<i>Shingles and Slates of Asbestos Cement—</i>				
Belgium	3,969,872	64,464	...	...
France	111,343	1,538	139,693	1,690
Germany .....	...	...	52,200	720
Netherlands	83,000	1,147	...	...
<i>Lumber of Asbestos Cement—</i>				
Belgium	89,387	5,542	...	...
France	75	4	...	...
Italy	667	23	...	...
<i>Paper and Millboard—None Asbestos Cement</i>				
<i>Articles in part of Asbestos—</i>				
Italy .....	...	...	850	17
Canada .....	...	...	40,780	1,751
<i>Brake & Clutch Lining, Molded, Pressed or Formed—</i>				
United Kingdom .....	...	...	259	140
<i>Other Manufactures—</i>				
Canada .....	...	...	660	55
France .....	...	...	300	153
Germany .....	...	...	77	89
Italy .....	...	...	29	16
United Kingdom	320	26	81,973	7,094
	4,286,857	\$90,240	329,635	\$20,597
<i>Shingles, Slate, Wood or Lumber—By Districts.</i>				
Florida	173,689	\$ 2,618	...	...
Galveston	2,544,040	48,199	...	...
Mobile	61,244	846	...	...
New York	667	23	...	...
New Orleans	1,106,984	15,074	191,893	\$2,410
Philadelphia	367,720	5,958	...	...
	4,254,344	\$72,718	191,893	\$2,410

SUMMARY FOR THE YEAR—MANUFACTURED

	Year 1929		Year 1930	
	Pounds	Value	Pounds	Value
<i>Yarn—</i>				
Germany	8,264	\$ 4,641	10,968	\$ 5,739
Italy	551	871	198	270
United Kingdom ...	15,887	8,067	9,362	5,382
<i>Fabrics, Woven—</i>				
Austria .....	.	..	4,576	2,920
Canada	8	14	15	60
Germany	1,286	942	4,543	2,950
Italy	273	179	32	45

Asbestos Fibre

*for the manufacture
of*

Roofing Cements • Fibrous Paints
Filtration Packings
Asbestos Shingles and Lumber
Insulating Cements
Asbestos Paper • Pipe Coverings
Asbestos Millboard
High Temperature Cements

THE QUEBEC ASBESTOS
CORPORATION



Office and Mines

EAST BROUGHTON, PROVINCE of QUEBEC
CANADA

A S B E S T O S

	Year 1929		Year 1930	
	Pounds	Value	Pounds	Value
Netherlands .....	...	...	446	305
United Kingdom ...	86,673	50,725	21,133	16,049
<i>Packing, Fabric—</i>				
Austria	844	541	449	249
Canada	250	100	167	312
Germany	6,542	3,842	1,891	1,104
Sweden .....	...	...	242	100
United Kingdom ...	11,135	4,652	11,418	11,876
<i>Packing, Not Fabric—</i>				
Austria	40,808	16,046	31,506	12,933
Belgium	997	185	...	...
Canada	7,883	1,065	148	69
France	17,193	13,250	94	98
Germany	36,402	14,219	16,677	10,087
Hungary	1,910	640	560	187
Italy	4,650	164	...	...
Japan .....	...	...	36	70
Netherlands	1,000	306	1,250	301
Sweden	20	5	...	...
United Kingdom ...	126,821	66,921	98,352	43,493
<i>Shingles or Slates of Asbestos Cement—</i>				
Belgium	47,438,020	624,251	3,156,441	43,821
Canada	62,685	3,122	900	14
Cuba	1,257	58	...	...
France	4,923,499	65,107	357,632	4,318
Germany	902,400	16,017	179,846	2,948
Italy	39,917	871	...	...
Netherlands	2,592,679	39,924	38,863	460
United Kingdom ...	95,480	1,475	...	...
Yugoslavia .....	...	...	47,166	632
<i>Lumber of Asbestos Cement—</i>				
Austria	6,241	1,961	17,600	5,159
Belgium	93,562	5,552	50,676	3,320
Cuba	2,340	90	...	...
Canada	206,935	10,094	82,240	3,733
France	335,814	5,863	660	40
Germany	21	13	...	...
Italy	39,223	1,240	51,422	2,159
United Kingdom ...	822	150	...	...
<i>Paper and Millboard—</i>				
Canada .....	...	...	500	29
Germany .....	...	...	1,005	46
United Kingdom ...	1,052	291	...	...
<i>Asbestos Cement—</i>				
Canada	36,845	1,732	2,000	35
Cuba	2,249	105	...	..

ASBESTOS

	Year 1929		Year 1930	
	Pounds	Value	Pounds	Value
<i>Pipe Covering and Asbestos Cement—</i>				
United Kingdom . . . . .	...	...	19,548	1,401
<i>Brake & Clutch Lining, Molded, Pressed or Formed—</i>				
Norway . . . . .	...	...	835	442
United Kingdom . . . . .	...	...	5,212	4,427
<i>Articles in Part of Asbestos—</i>				
Canada . . . . .	...	...	133,143	9,107
Italy . . . . .	...	...	850	17
<i>Other Manufactures—</i>				
Austria	943	662	290	192
Belgium	29,553	1,964	33,062	2,277
Canada	1,673	353	4,910	566
France	2,274	349	548	550
Germany	1,341	471	1,096	160
Italy	8,707	284	31,017	2,037
United Kingdom	19,547	8,208	205,582	18,718
	57,214,476	\$977,582	4,637,107	\$221,207

Shingles, Slate, Wood or Lumber of Asbestos Cement— By Districts.

	Year 1929		Year 1930	
	Pounds	Value	Pounds	Value
Buffalo	20,996	\$ 764	...	...
Florida	7,556,949	101,114	593,099	\$ 8,700
Galveston	12,459,614	176,295	698,030	10,012
Georgia	200,646	2,913	...	...
Los Angeles	38,116	2,039	122,724	1,265
Maine & N. H.	35,400	614	2,600	204
Michigan	194,565	10,806	79,640	3,529
Mobile	2,113,778	29,922	275,516	3,637
New York	1,356,914	24,350	204,349	10,028
New Orleans	9,283,026	130,981	1,345,578	18,601
Ohio	68,267	1,257	35,274	2,576
Porto Rico	63,000	887	...	...
Oregon	3,164	45	...	...
Philadelphia	22,169,611	276,536	488,863	6,305
Pittsburg . . . . .	...	...	66,050	924
Rhode Island	80,000	1,183	...	...
Sabine	917,168	11,838	56,438	631
San Francisco	27,162	529	14,385	178
St. Lawrence . . . . .	...	...	900	14
South Carolina	51,520	864	...	...
Vermont	3,560	171	...	...
Virginia	47,872	663	...	...
	56,691,328	\$773,771	3,983,446	\$66,604

A S B E S T O S

Exports from U. S. A.

Exports of unmanufactured asbestos during November¹ 1930 amounted to 170 tons, valued at \$28,817. During the same month in 1929, 36 tons were exported, at a value of \$5,266.

Exports of Manufactured Asbestos Goods:

	November ¹ 1929		November ¹ 1930	
	Pounds	Value	Pounds	Value
Paper, Mlbd. & Rlbd.....	227,725	\$16,683	137,329	\$10,364
Pipe Covg. & Cement.....	604,287	32,466	356,425	19,345
Textiles, Yarn & Pkg.....	122,473	74,944	131,640	63,179
Brake & Clutch Lining...	578,205 ³	122,794	413,245 ³	81,620
Magnesia & Mfrs. of.....	438,214	32,408	422,238	36,598
Asbestos Roofing.....	4,262 ²	37,461	1,727 ²	12,392
Other Manufactures.....	494,438	46,949	178,372	18,348

¹ Exports one month behind imports. ² Squares. ³ Lin. Ft.

Exports of Raw Asbestos from Canada.

	December 1929		December 1930	
	Tons	Value	Tons	Value
	(2000 lbs.)		(2000 lbs.)	
United Kingdom	143	\$ 21,162	185	\$ 16,725
United States	5,906	326,405	5,488	245,666
Australia	150	15,000	...	29
Belgium	1,162	73,800	1,024	90,588
France	100	5,750	510	32,050
Germany	1,975	202,448	456	46,460
Italy	338	37,540	122	9,700
Japan	1,510	79,600	604	31,450
Netherlands	310	14,700	262	10,444
Spain	20	2,100	10	450
	11,614	\$778,505	8,661	\$483,562

Sand and Waste—

	Year 1929		Year 1930	
	Tons	Value	Tons	Value
	(2000 lbs.)		(2000 lbs.)	
United Kingdom	60	1,375	90	2,250
United States	8,873	147,806	8,907	125,799
Belgium	120	3,000	40	1,000
Cuba	30	360	...	...
France .....	..	...	180	3,375
Germany	627	15,475	570	11,380
Italy .....	...	...	22	550
Japan	10	126	40	950
Netherlands	381	9,525	579	12,145
	10,101	\$177,667	10,428	\$157,449
<i>Total</i>	21,715	\$956,172	19,089	\$641,011

SUMMARY FOR THE YEAR—CANADA

	Year 1929		Year 1930	
	Tons	Value	Tons	Value
	(2000 lbs.)		(2000 lbs.)	
United Kingdom ..	3,508	\$ 350,410	3,528	\$ 288,531
United States	91,876	6,033,946	66,857	3,723,462
Australia	1,463	137,087	481	47,979

ASBESTOS

Belgium	14,291	987,896	10,836	769,002
Denmark	259	20,599	...	...
France	6,583	504,539	5,545	389,890
Germany	11,329	1,189,580	4,278	410,083
Italy	2,424	234,971	3,076	274,162
Japan	10,557	567,800	8,605	476,199
Mexico	100	6,500	...	...
Netherlands	1,240	79,485	1,024	60,971
New Zealand	1	20	..	...
Spain	92	14,285	32	1,660
Other Countries ...	2	90	..	...
	143,725	\$10,127,208	104,262	\$6,441,939

Sand and Waste—

United Kingdom ...	2,335	55,850	3,104	75,539
United States	140,588	2,320,084	121,605	1,791,306
Australia	10	250	10	300
Belgium	651	16,275	1,142	25,792
France	575	13,000	960	19,665
Germany	2,667	66,515	2,310	51,115
Italy	44	1,100	369	9,075
Japan	201	3,190	205	4,888
Netherlands	1,141	30,025	1,367	31,590
Spain .....	...	...	11	138
Argentina .....	...	...	60	780
Br. India .....	...	...	90	1,080
Peru .....	...	...	5	50
Other Countries ...	93	1,185	.	..
	148,305	\$2,507,474	131,238	\$2,011,318
	292,030	\$12,634,682	235,500	\$8,453,257

Imports and Exports by England.

Imports of Raw Material.

	December 1929		December 1930	
	Tons	Value	Tons	Value
	(2240 lbs.)		(2240 lbs.)	
From Rhodesia	786	£ 34,024	1,205	£42,770
From Canada	378	11,526	1,012	13,401
From Other Countries	1,117	33,804	231	5,711
Total	2,281	79,354	2,448	61,882
Re-Shipments	57	2,643	83	3,363

Exports of Manufactured Asbestos Goods:

To Netherlands	226	11,348	50	4,322
To France	96	9,489	64	4,783
To U. S. A.	6	1,977	4	880
To Br. India	484	12,761	374	10,976
To Australia	59	9,466	20	5,966

A S B E S T O S

	Year 1929		Year 1930	
	Tons	Value	Tons	Value
	(2000 lbs.)		(2000 lbs.)	
To Other Countries	1,761	76,870	1,393	59,878
	2,632	£121,911	1,905	£86,805

SUMMARY FOR THE YEAR — ENGLAND

<i>Imports of Raw Material.</i>		Year 1929		Year 1930	
		Tons	Value	Tons	Value
		(2240 lbs.)		(2240 lbs.)	
From Rhodesia	11,585	£	474,425	9,363	£ 361,871
From Canada	5,488		105,995	5,544	85,426
From Other Countries.	14,354		412,181	10,280	280,044
Total	31,427		992,601	25,187	727,341
Re-Shipments	3,094		116,880	1,626	59,323
<i>Exports of Manufactured Asbestos Goods:</i>					
To Netherlands	1,221		78,085	971	64,546
To France	562		88,330	850	82,078
To U. S. A.	113		29,948	69	19,371
To Br. India	7,240		168,670	6,696	154,422
To Australia	594		82,063	405	74,581
To Other Countries ..	23,459		957,059	19,097	869,719
	33,189		£1,404,155	28,088	£1,264,717

BUILDING

During December contracts awarded totalled \$249,935,500, according to the F. W. Dodge Corporation this covering the 37 states east of the Rocky Mountains. This compared with \$253,573,300 for November and \$316,368,100 for December 1929.

For the entire year contracts were awarded to the total of \$4,523,614,600 as against \$5,750,790,500 for 1929.

The contract record for 1930 shows \$1,974,374,000 for non-residential building, \$1,447,928,100 for public works and utilities and \$1,101,312,500 for residential buildings.

January showed total contracts awarded for new buildings of \$227,956,400, as compared with \$323,975,200 for the first month of last year.

In the New York Metropolitan area altho a drop of about seventeen million dollars is found in total contracts awarded in January 1931, as against January 1930, residential building, which is expected to lead the way to returned prosperity, shows an increase of 18 per cent.

WANTED

Carload, Less Carload, or Job Lots
Asbestos, Magnesite, Hair Felt, Silocel, Cork
STONE INDUSTRIAL EQUIP. CO.
SPRINGFIELD, MASS.

ASBESTOS

NEWS OF THE INDUSTRY

Birthdays. Our birthday list this month contains the following names: Clarence E. Witherspoon, President, Asbestos Construction Co., Inc., 451 W. 28th St., New York City, whose birthday occurs on February 20th; E. M. Rogers, President, Rogers Asbestos Co., Inc., Buffalo at Commerce St., Houston, Texas, February 24th; W. A. Godfrey, Manager & Secretary, Cape Asbestos Co., Ltd., Morley House, London, E. C. 1, England, March 1st; J. P. O'Malley, Secretary, Standard Asbestos Mfg. Co., 816 W. Lake St., Chicago, Ill., March 1st; E. J. Wilson, President, Elwood J. Wilson, Inc., 350 Madison Avenue, New York City, March 7th. Our congratulations and best wishes to these gentlemen.

Russell Mfg. Co., Middletown, Conn., at its annual meeting of stockholders, in January elected the following officers and directors: T. M. Russell, President; E. A. Inglis, Vice President; W. C. Fisher, Treasurer; P. J. Goldner, Secretary; Directors, W. C. Fisher, Thomas M. Russell, Ernest A. Inglis, Samuel Russell, Dale D. Butler, Arthur P. Day, Henry K. W. Welch, Charles T. Treadway, Allan Forbes, S. St. John Morgan and P. J. Goldner.

Mr. Morgan who has just joined the Rusco board is a well known New England banker, being vice president of the State Street Trust Company of Boston. Mr. Goldner joined the Rusco forces ten years ago as assistant to Henry Hubbard, Secretary. Upon the death of Mr. Hubbard last summer, Mr. Goldner was appointed secretary.

Brunetti & Pampura, of Milan, Italy. The name of this firm has been changed to Societe Anonyme Miniere Amianto Italiano (Italian Asbestos Mining Co., Limited).

This firm has sent us information on the Italian Asbestos Deposits, all of which will be published in future issues of "ASBESTOS."

Asbestos Covering & Roofing Company, Washington, D. C. Insulation Contractors, and Distributors of various asbestos materials, has moved its office and warehouse to 4104 Georgia Avenue, N. W. from its former location at 916 D Street.

Johns-Manville Corporation. Edward Crosby, Vice President of Johns-Manville International Corporation, accompanied by Mrs. Crosby, sailed on Friday, January 23rd, on the Southern Cross, on a business trip to South America.

T. V. Bryant has been promoted to the position of Sales Manager, Building Materials Department, Metropolitan District, Eastern Division, succeeding W. A. O'Hara, promoted to Sales Manager, Building Materials Department, Eastern Division.

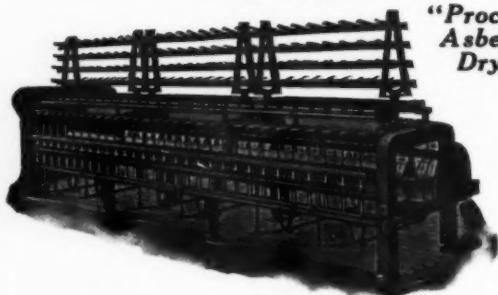
F. W. Hodson, formerly in charge of the Tulsa, Okla., Office, has been promoted to Sales Manager of the Power Products De-

ASBESTOS

ASBESTOS YARN MACHINERY

"Smith-Furbush"

"Proctor"
Asbestos
Dryers



PROCTOR & SCHWARTZ, INC.

Formerly Smith & Furbush Machine Co.

Seventh St. & Tabor Rd., Philadelphia, Pa.

High-Grade Asbestos Textiles

CARDED FIBRES

YARNS. CORD, MANTLE YARNS

PLAIN AND METALLIC CLOTHS

BRAIDED AND WOVEN TAPES

BRAIDED TUBINGS

WOVEN SHEET PACKINGS

WOVEN BRAKE LININGS

GLOVES, MITTENS, LEGGINS

GASKETS, SEAMLESS AND JOINTED

PACKINGS, STEM AND HIGH PRESSURE

WICK AND ROPE

ASBESTOS FIBRE SPINNING COMPANY

NORTH WALES, — PENNA.

ASBESTOS

partment, St. Louis District, with headquarters at St. Louis.

Edward G. Fick & Co., Baltimore, have outgrown their quarters at 109 E. Lombard St., and have purchased the property at 2008-10 Harford Avenue, where they are now located.

Stewart Dickson & Co., Inc., 116 Broad St., New York City, Distributors of Asbestos and Rubber Goods, have made some changes in their officers. Miss Mary S. Chalmers, who has been Vice President and Treasurer ever since the company was formed, has been obliged to retire owing to continued ill health, and her place has been taken by A. A. Marscher, who has been with the Company for the past twelve years and was formerly Secretary. Miss Elsie E. Sinclair, who has also been with the company for several years, has been elected Secretary. Miss Chalmers, who is widely known in the trade, will keep her place on the Directorate.

Rhodesian Asbestos. The Bulawayo Chronicle reports that notwithstanding the slump in the industry, there is a certain amount of activity in Asbestos, one property having recently changed hands and inquiries being made for others. Negotiations are on foot for the purchase of P. Devitt's Doris asbestos mine, a good property on which a lot of development work is said to have been done. This mine is situated between the Sharsi and Tokwe rivers about 9 miles from Mashaba. Options have also been granted on certain other asbestos properties in the Mashaba District.

The Asbestos & Holdings Trust, Ltd., (Rhodesia). The petition for an order for the compulsory winding up of this firm, which had been adjourned from the month before, came before the Chancery Division again on January 14th. Mr. Alexander Grant, K. C., for the company, said the directors wished to preserve their reputation for integrity and probity, and having established that they were prepared to leave it to the shareholders to decide whether the company should continue. The directors believed the property was valuable and could be worked with the cash the company had,—£30,000. F. K. Archer, K. C., for the petitioner, asked that the matter be dealt with on the ground that the directors had been guilty of gross negligence. It was directed that a meeting of the shareholders be held with one of the Official Receivers as Chairman, to consider the experts' reports and to decide whether the company should continue.

Russell Mfg. Company. The annual sales conference of the Southeastern Division of the Company was held at the Biltmore Hotel, Atlanta, Ga., December 29th and 30th. The conference was in charge of G. N. Shoop, manager of the Rusco Southeastern Division, assisted by Myron E. Benn, recently appointed service manager of that Division, with headquarters in Atlanta. The conference was brought to a close with an annual banquet and dance, attended by the wives of all the officials and salesmen at the meeting.

ASBESTOS

W. T. McWhorter, who for the last two years has been general service manager of the replacements department of the Russell Mfg. Company, has been transferred to the Detroit Division as assistant division manager, and effective immediately will make his headquarters at Detroit. Mr. McWhorter is an experienced engineer, salesman and field executive. He is a native of Atlanta, Ga., and was originally employed by the Company as a special representative in the Atlanta Division. He was soon promoted and made assistant to the New York Division manager, remaining in that division until he was called to the factory for the development of the service department. He is a graduate of Georgia Tech University.

Robert A. Keasbey Company, New York City, Insulation Contractors and distributors of various asbestos products, on January 17th moved their office and warehouse to 139-149 West 19th Street (between 6th and 7th Avenues). They were formerly located at 445 West Street.

Vermont Asbestos Corporation. The Mines owned by this corporation at Eden, Vermont, are at present covered with four feet of snow.

Miyadera & Co., Asbestos Works at Tokyo, Japan, have just issued a seventy-six page catalog which is attractively printed and bound and illustrated with photographs of the various materials they sell. The catalog is, of course, printed in the Japanese language.

Roberts Gaskets, Ltd. (England). In reporting the formation of this company in our January issue, we stated that the capital was £35 in £1 shares. This was an error. It should have read "£350 in £1 shares."

The Thermoid Rubber Company of Trenton, N. J., has now acquired full control of the Woven Steel Hose & Rubber Company.

Keasbey & Mattison Company has moved its Chicago Office from 1269 North Avenue, to Suite 823 Engineering Building, 205 West Wacker Drive.

Allbestos Corporation. Herbert E. Sunbury, on January 20th, became connected with the Allbestos Corporation as Mill Manager. He was formerly Mill Manager of the Waterford Plant of the Asbestos Spinning & Weaving Corporation, and previous to that connection was employed in other asbestos textile plants, so that his experience in the spinning and weaving of asbestos textiles has been quite extensive.

Turner & Newall, Limited. The annual report of Turner & Newall, Ltd., shows profits for the year to the 30th of September, 1930, before depreciation, directors' fees and taxation, of £1,101,846, compared with £904,633 in the preceding year.

After providing for all charges, including £170,160 for income tax, which it is estimated will cover liability on this account up to the 5th of April, 1931, and £40,969 for costs of recent amalgamations, the net balance was £829,768. To this is added

ASBESTOS

the balance of purchase account of Bell's United Asbestos, £120,000, giving a total, with £13,128 brought in, of £962,895.

Preference dividend takes £101,099, and the directors propose allocating £150,000 each to investment and general reserves, raising the former £250,000 and the latter to £900,000. Dividend on the Ordinary is to be brought up to 11½ per cent on the enlarged capital, the amount required being £544,544, compared with £541,906 by the 17½% for 1928-29. The balance forward is £17,252.

It is pointed out by the directors that the profit includes no dividend on the holding in Rhodesian and General Asbestos Corporation, while the 1,309,114 Ordinary shares issued in exchange for shares in the Rhodesian company rank for Turner and Newalls full 11½ per cent. Turner and Newall received £157,210 gross (final dividend of 15 per cent) from this holding on December 1st last.

The directors state that while the world depression has only in the last three months affected the volume of business done by the unit companies, it would not be reasonable to expect to continue to escape the effects of the general economic disorder now prevailing. In deciding upon the reduction in dividend they have in mind the necessity of keeping up the financial strength of the company in order to meet vicissitudes of the future.

The Wirtschaftsverein der Deutschen Asbestindustries (German Asbestos Union) is, according to the India Rubber Journal, being discontinued.

Asbestos Corporation Limited. At the meeting of first mortgage bondholders, Col. Robert F. Massie, President, stated that for fiscal year ended December 31, the Asbestos Corporation would show loss after all charges, including provision for development work, bond interest, write-offs and \$300,000 for depreciation, of \$1,229,000. Surplus at the end of 1929 was \$148,000. During the year adjustments were made, bringing the total to around \$241,000. Loss from operations before provision for development, interest and other charges, was \$52,800. There was \$389,000 appropriated for development, \$100,000 as year's share of write-off from book value of fixed assets, \$456,000 for bond interest and \$300,000 for depreciation, making loss for year after adding sundry earnings and deducting all charges, of \$1,229,000.

Much progress has been made recently in connection with development work. In fact were the company able to operate at full capacity, it could even with present drastically reduced price make substantial earnings. In December 1929 when the company was operating on a double shift, a loss of \$13,000 was incurred, whereas in the 1930 month a profit of \$2,900 was obtained from half the tonnage, the improvement in earning possibilities of the properties being attributed entirely to results of the exploration work. Most of the development and exploration work has been done at the King mine. Possible recovery at the mine has been increased to 5% as compared with between 2% and 3% a year ago.

ASBESTOS

The meeting of the First Mortgage Bondholders of the Asbestos Corporation Limited, was held in Montreal on Friday, January 30th. Statements which have been made from time to time by the management of the Corporation, to the effect that the Protective Committee of the Bondholders was supporting them in their work, were fully confirmed at the meeting. The Bondholders Committee had secured the support of over 65% of the outstanding bonds and agreed to the postponement of the interest which fell due on January 1st.

E. A. Macnutt, Treasurer of the Sun Life, spoke very strongly in support of the present Board of Directors and management, and the following resolution was unanimously adopted by the Bondholders Committee:

"It is resolved by this Meeting that the present Directors and Management are satisfactory to the First and Refunding Mortgage Bondholders Protective Committee and it is desirable, in the opinion of this Committee, that the Present Board and Management continue in office."

A. P. Miller. Sympathy is extended to A. P. Miller, Sales Representative for the H. F. Watson Mills in the Boston territory, on the death of Mrs. Miller, which occurred on January 24th. Mrs. Miller was also the sister of F. R. Anderson, Vice President of the Sall Mountain Company, Chicago.

PATENTS

Colored Slate Granules. Nos. 1,782,648 and 1,782,649. Granted on November 25th, 1930, to Harry C. Fisher, Cincinnati, O., Assignor to Philip Carey Manufacturing Company. Filed April 29, 1925, and June 20th, 1925, respectively. Serial Nos. 26,828 and 38,568. Further description upon request.

Safety Attachment for Presses. No. 1,783,817. Granted on December 2nd, to Benj. J. Victor, Oak Park, Ill., assignor to Victor Gasket & Mfg. Company, Chicago, Ill. Filed December 9th, 1929. Serial No. 412,727. Description upon request.

TRADE MARKS

(Passed for Publication)

(This information is supplied by the National Trade Mark Co., 900 F. St., Washington, D. C., who will conduct free of charge an advance search on any trade mark our readers may contemplate adopting.)

Rusco Ace Serial No. 303,260. Russell Mfg. Company, Middletown, Conn. For Brake Lining. Passed on January 6th.

Cellotone. Serial No. 308,027. Norristown Magnesia & Asbestos Company, Norristown, Pa. For heat insulating coverings formed of refractory material, including asbestos, for water, steam and other fluid conduits and containers. Passed on February 3rd.

Thermo-Lux. Serial No. 308,028. Norristown Magnesia & Asbestos Company Norristown, Pa. For heat insulating coverings, etc., as above. Passed on February 3rd.

ASBESTOS

We are in the market for
**Metallic Yarn or any other grades
of Asbestos Waste**

Send Samples

E. GROSS & CO., INC.
HARTFORD CONN.

ELWOOD J. WILSON

Incorporated

350 Madison Avenue - - NEW YORK, N. Y.
AT 45TH STREET

ASBESTOS CRUDES AND FIBRES

The Expert Examination of Asbestos Properties

In the market for large or small quantities of

**METALLIC YARN WASTE
ASBESTOS TEXTILE WASTE
SCRAP CLOTH—YARN CUTTINGS
LOOM SWEEPINGS
CARDROOM STRIPPINGS**

Please send samples, stating quantities, to

NEWARK WASTE CO.

55 to 59 River Street

NEWARK, NEW JERSEY

PAUL RODE

STADTHAUSBRUCKE 15

HAMBURG

GERMANY

Cable Address: PARIMASCO

**In the market for
ASBESTOS CRUDES & FIBRES**

ASBESTOS

THIS AND THAT

New subscribers desiring back copies containing articles on certain subjects can obtain them at the single copy price of 25c each. Our stock of back copies is fairly complete, only a few issues being entirely out of print.

A news note dated from London and appearing in various American newspapers, states that the expansion of Russian asbestos output is not intended to glut the world markets, for the Russians need their entire output for the manufacture of shingles, paper and other articles.

One of our readers rather rudely suggests that if they *need* it, why don't they keep it.

The American Society for Testing Materials, 1315 Spruce St., Philadelphia, has just issued its annual index to A. S. T. M. Standards and Tentative Standards. Copies will be furnished free of charge upon request sent to the above address.

Roland Starkey, Consulting Engineer to Turner & Newall, Ltd., in the Union of South Africa and Rhodesia, uses an airplane probably more than anyone else interested in asbestos. Mr. Starkey lives at Shabani; flies to Bulawayo every week, and from time to time to Kuruman, Barberton and Swaziland, in overseeing the various mines in the Turner-Newall group. The journey from the Amianthus Mine to the Havelock Mine in Swaziland takes four to five hours by car but can be accomplished by airplane in about fifteen minutes. Landing places have been prepared at all these mines and the saving in time has amply justified the expenditure of money.

Old Gentleman (in street car): Has anyone here lost a roll of bills with an elastic around them?

"Yes, I have," cried a dozen riders.

Old Gentleman (calmly): "Well I just found the elastic.



85% MAGNESIA
PIPE & BOILER
COVERINGS.
HIGH
TEMPERATURE
INSULATION AND
CEMENTS.

SEVERAL VALUABLE
TERRITORIES
OPEN FOR
DISTRIBUTORS



AIR CELL. WOOL FELT. CORK. ASBESTOS CEMENT

Ehret Magnesia Manufacturing Co.

EXECUTIVE OFFICES AND FACTORIES

VALLEY FORGE, PA.

BRANCH OFFICES

NEW YORK

PHILADELPHIA

CHICAGO

REPRESENTATIVES

IN ALL PRINCIPAL CITIES AND COUNTRIES

*CANASCO PRODUCTS CONSERVE ENERGY
AND ELIMINATE WASTE*

CANADIAN ASBESTOS COMPANY

ESTABLISHED 1897

PIONEERS IN THE CANADIAN ASBESTOS INDUSTRY

**Canada's Largest Distributors
of
ASBESTOS AND INDUSTRIAL
PRODUCTS**

"Canasco Brands"

CRUDES

**SPINNING FIBRES — SHINGLE STOCK
PAPER AND MILLBOARD STOCK
SHORT FIBRES**

Standard No. - 1

No. - 7 and No. - 3527

ASBESTOS CEMENTS

are

"World Famed"

Write for Samples and Prices

HEAD OFFICE

316-322 Youville Square

MONTREAL

BRANCHES

14 Front St., E.

TORONTO, ONT.

**120 Lombard St.
WINNIPEG, MAN.**

**99 Cordova St., East,
VANCOUVER, B. C.**

B. MARCUSE

President & General Manager

*The Robinson Press
Hathors, Pa.*

